

PRUZHILINA-GRAMOVSKAYA, V.I.; KOZLOVA, N.M.; KOCHETKOVA, R.M.

Volt-ampere characteristics and carrying capacity of nonlinear
thermite resistors for commutational discharges. Elektrichestvo
no.2:74-77 F '62. (MIRA 15:2)

1. Vsesoyuznyy elektrotehnicheskiy institut im. Lenina.
(Electric lines—Overhead)
(Electric protection)

PRUZHNICHENKO, T.F.

Types of feeding habits of flax flea beetles (Coleoptera,
Chrysomelidae). Ent. oboz. 42 no.2:273-279 '63. (MIRA 16:8)

1. Sel'skokhozyaystvennyy institut, kafedra zashchity rasteniy,
s. Dublyany, Kamenka-Busskogo rayona, L'vovskoy oblasti.
(Ukraine, Western--Flea beetles) (Insects--Food)
(Ukraine, Western--Flax--Diseases and pests)

PROJEKCI, Z.

Designing of prefabricated elements in the Hungarian industrialized construction.
B. 118.

PROJEKTOWY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego,
Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu
Metalowego), Gliwice, Poland. Vol. 6, no. 4, Apr. 1953.

Monthly List of East European Accessions (EMAI), LG, Vol. 3, no. 3, Aug. 1959.

Incl.

ACC NR: A15028387

Monograph

PO/

Pruzinski, Zbigniew (Master in Engineering)

Concrete and reinforced-concrete structures exposed to high temperatures (Konstrukcje betonowe i zelbetowe narazone na wysokie temperatury) Warsaw, Wyd-wo "Arkady", 1964. 159 p. illus., biblio. 3160 copies printed.

TOPIC TAGS: concrete, heat resistant material, reinforced concrete, steel, structural engineering

PURPOSE AND COVERAGE: This book is intended for design engineers, technicians, and builders in construction engineering. The book presents methods of designing and calculating concrete and reinforced concrete structures exposed to high temperatures over long periods of time. Various thermal, strength, and structural problems are covered. The work contains nomograms, tables, and exemplary calculations which may be used as designing aids.

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Card 2/2

PRUZINSKI, Zbigniew

Scrap packing machines. Problemy proj hut maszyn 13 no.1:14-23
Ja '65.

1. Biprohut, Gliwice Branch.

PRUZINSKI, Zbigniew

Hydraulic aggregates for scrap cutting. Problemy proj hut
maszyn 12 no. 98265-274 S: 64

1. Bielsko, Gliwice.

PRUZINSKI, ZBIGNIEW

Beton i zelbet zelbet zaroślny na cementie portlandzkim. (Wyd. 1)

Warszawa, Poland. Arkady. 223 p.

Monthly List of East European Accessions (EWAI) LC, Vol. 8, no. 8
August 1959.

Uncl.

PRUZINSKI, Z.

"Fireproof industrial flues."

p. 4 (Budownictwo Przemyslowe) Vol. 6, no. 10, Oct. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

MUREK, J.; PRUZKOVA, V.; SLAVICEK, J.; TROJANOVA, M.

Some problems of oxidative metabolism of the nervous system
in the ontogenesis of mammals. Activ. nerv. sup. (Praha) 7
no.2:128-129 '65

1. Physiological Institute, Faculty of General Medicine, Charles
University, Prague. 2. J.Murek's address: Praha 2, Albertov 2.

CZECHOSLOVAKIA

PRUZKOVA, V.; MOUREK, J.; Department of Physiology, Faculty of General Medicine (Fysiologicky ustav fak. vseob. lek.), Prague.

"Effect of Hypoxia on Oxidative Phenomena in the Nervous Tissue and on Some Metabolic Parameters in Rat Ontogenesis."

Prague, Ceskoslovenska Fysiologie, Vol 14, No 5, Oct 1965; p 363.

Abstract: In rats aged 5 and 10 days and in adult rats exposed to 7000 m. hypoxia for 20 minutes, age-dependent variations were shown in QO₂ in the cerebral cortex medulla and liver. Variations in lactacidemia, non-esterified fatty acids and glucose level in the blood in 10-, 14-, 20-, and 30-day-old rats were also determined, confirming previous findings. 2 Czech references. Paper presented at the 15th Physiology Days, Olomouc, 27 May 65.

1/1

MOUREK, J.; PRUZKOVA, V.

Oxidative metabolism in the cerebral cortex and liver tissue
during rabbit development (effect of fasting). Sborn. lek.
68 no.1:1-7 Ja '66

1. Fyziologicky ustav fakulty vseobecneho lekarstvi Univer-
sity Karlovy v Praze (prednosta - prof. dr. F. Karasek, DrSc.).

L 12964-66

ACC NR: AP6005629

SOURCE CODE: CZ/0079/65/007/002/0128/0129

AUTHOR: Mourek, J.; Pruzkova, V.; Slavicek, J.; Trojanova, M.

ORG: Physiological Institute, Faculty of General Medicine, Charles University, Prague

TITLE: Some aspects of oxidative metabolism of the nervous system in ontogenesis of mammals [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: Activitas nervosa superior, v. 7, no. 2, 1965, 128-129

TOPIC TAGS: biologic metabolism, experiment animal, nervous system, phosphorylation, hypoxia, anoxia, biochemistry

ABSTRACT: New-born and very young animals are more resistant to all forms of oxygen deficiency than adult animals. The younger the animal, the greater the possible reduction of oxygen consumption. In young rats, a 70-80% decrease is possible. Oxidation releases biologically utilizable energy. The resistance of new-born animals to hypoxia is probably due to a high glycolytic activity of brain tissue during hypoxia or anoxia. Oxidative phosphorylation in the mammal brain depends on glucose, and administration of glucose protects adult rats from oxygen deficiency; in new-born rats this does not occur because there is already enough lactate and acetacetic acid present to provide this protection.

Card 1/2

L 12964-66

ACC NR: AP6005629

This acid decreases oxygen consumption in adult rats. [JPRS] 10

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 009 / OTH REF: 006
SOV REF: 001

Cord 2/2 HW

PRIVETNY, S. I. Cand. Tech. Sci.

Dissertation: "Investigation of the Effect of Operational Conditions on Fuel Consumption of West-Electric Power Stations." Moscow Order of Lenin Power Engineering Institute imeni V. M. Molotov, 20 Jun 47.

SC: Vodoprivaya Rossiya, Jun, 1947 (Project #17236)

ZLATOPOL'SKIY, A.N., kand.tekhn.nauk; PRUZNER, S.L., kand.tekhn.nauk

Determination of the saving of fuel by hydroelectric power
stations over a period of several years using a digital
computer. Elek.sta. 33 no.12:30-33 D '62. (MIRA 16:2)
(Hydroelectric power stations) (Fuel)

ZIATOVSKIY, A.N., kand. tekhn. nauk; RUDNIK, S.B.

Use of computers in selecting the optimum composition of power generating equipment in the design of electric power systems.
Teploenergetika 11 no.9:12-25 S '64. (MIRA 18:8)

Moskovskiy gos. universitet

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343420008-6

PRUZNER, S.L., kand. tekhn. nauk; RYASENTSEV, A.M., inzh.; CHISTYAKOV, G.I.,
fizik.

System for the analysis of the economic effectiveness of repairs in
electric power stations. Elek. sta. 36 no.11:11-13 N '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343420008-6"

PRUZNER, S.L.

[Planning basic production in thermal electric power plants
(planned power ratio)] Planirovanie osnovnogo proizvodstva na
teplovых elektrostantsiiakh (Planovyи energobalans). Moskva,
Moskovskii energeticheskii institut im. Molotova, 1954. 75 p.
(MLRA 7:11D)

PRUZNER, Saul L'vovich; SINEL'NIKOVA, L.N., red.; SOLOGUBOV, V.I.,
tekhn. red.

[Economics and organization of electric power production]
Ekonomika i organizatsiya energeticheskogo proizvodstva.
Izd.2., perer. Moskva, Izd-vo "Energiia," 1964. 319 p.
(MIRA 17:3)

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PHASE I BOOK EXPLOITATION

sov/1887

Pruzner, Saul L'vovich

Ekonomika i organizatsiya energeticheskogo proizvodstva (Economics and Organization of Electric Power Production) Moscow, Gosenergoizdat, 1958. 333 p.
12,900 copies printed.

Ed.: V. I. Lapitskiy; Tech. Ed.: K. P. Voronin.

PURPOSE: This textbook is intended for students at electric power tekhnikums and may also be used by engineers and technical personnel of electric power establishments.

COVERAGE: The book is devoted to problems in the organization and economics of electric power production. It places emphasis on production costs, organization of labor and wages, planning of basic production at heat and electric power plants (including the choice of economic operating conditions for power equipment). Management of electric power plants, organization of equipment overhauling, construction of electric power plant facilities, and utilization of production capacities and material resources are also discussed. G. A. Kalinin and S. F. Shershov assisted in writing part of the book. There are 29 references, all Soviet.

Card 1/8

Economics and Organization of Electric (Cont.)

SOV/1987

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Perspective load graphs of a steam power plant and effect of the
operating modes on the selection of the parameters of steam turbine
systems. Trudy MEI no.48:119-131 '63.

ZLATOPOL'SKIY, A.N., kand.tekhn.nauk; PRUZNER, S.L., kand.tekhn.nauk

Use of digital computers in calculating the most advantageous operation conditions of the electric power plant in a power system.
Teploenergetika 9 no.3:9-14 Mr '62. (MIRA 15:2)

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(Electric power plants) (Electronic digital computers)

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SASANOV, B.V., kand.tekhn.nauk

Evaluation of economic effectiveness of the use of secondary
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(MIRA 18:11)

PHUZNER, S.L., kand.tekhn.nauk

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(MIRA 13:7)

(Electric power) (Avrukhs, A.IA.)

PRUZNER, Saul L'vorich; KALININ, Georgiy Alekseyevich; SHERSHOV, Sergey Fedorovich; PETROV, D.V., redaktor; FRIDKIN, A.M., tekhnicheskij redaktor

[Economics and organization of power production] *Ekonomika i organizatsiya energeticheskogo proizvodstva*. Moskva, Gos. energ. izd-vo, 1956. 368 p.

(Electric power)

(MLRA 9:3)

PRUZSINSZKY, J.

17. Stress calculation of piping lying in a plane and fixed at both ends -- Ket vegpontjan befogott, egy síkban fekvő csővezetek szilárdsgállszamitása -- by J. Pruzsinsky. (Power Economy in Hungary. -- Magyar Energiagazdaság -- Vol. IV, No. 4, pp. 115--122, April 1951, 14 figs.)

The stress calculation of piping lying in a plane and fixed at both ends must be based on the deformation caused by the increase of temperature. Simultaneously, it should be taken into account, that frequently the end of the piping also suffers displacement, e. g. as in the case of connections to steam turbines or to boilers. The elasticity of the piping is influenced by its shape, the developed length of the piping system, the dimensions of the pipe, and by Young's modulus of elasticity, depending also on the temperature of the piping material. From the mathematical expression of elasticity -- by applying Castigliano's theorem -- it is possible to derive the restoring force, respectively its two components which must pass through the centre of gravity of the system. By applying this as well as the Kármán principle, it is possible to calculate the stresses resulting from the thermal expansion of the piping system and the resultant stress. Instead of lengthy theoretical calculations, the graphical tables worked out by Schrödler and Jurgenson can be used, with advantage for simple pipe-lines. The determination of the stresses resulting from heat expansion is a lengthy process, requiring patience and precision.

J. P.

PRUZINSZKY, J.

use of smaller size bolts fails frequently in this case. The rupturing load must remain within certain limits otherwise the sill will either be too brittle or too soft.

62.313.001.21

Stress calculation of piping lying in a plane and fixed at both ends - két végpontján lefoglalt huzalban fekvő csővezeték szilárdsgási számításának módszerei
János J. Pruzinszky (Power Economy
in Hungary - Magyar Energiaüzletisége - Vol.
1, pp. 113, 129, April 1951, 11 figs.)

The stress calculation of piping lying in a plane and fixed at both ends must be based on the deformation caused by the increase of temperature. Simultaneously, it should be taken into account that frequently the end of the piping also suffers displacement, e.g. as in the case of connections to steam turbines or to boilers. The elasticity of the piping is influenced by its shape, the developed length of the piping system, the dimensions of the pipe, and by Young's modulus of elasticity, depending also on the temperature of the piping material. From the mathematical expression of elasticity - by applying Castigliano's theorem - it is possible to derive the restoring force, respectively the two components which must pass through the centre of gravity of the system. By applying this as well as the Réimann principle, it is possible to calculate the stresses resulting from the thermal expansion of the piping system and the resultant stress. Instead of lengthy theoretical calculations, the graphical tables worked out by Schmedler and Fischer can be used with advantage for practical applications. The determination of the stresses resulting from heat expansion is a lengthy process, requiring patience and precision.

PRUZSINSZKY J.

The stress calculation of piping lying in a plane and fixed at both ends must be based on the deformation caused by the increase of temperature. Simultaneously, it should be taken into account that frequently the end of the piping also suffers displacement, e. g. as in the case of connections to steam turbines or to boilers. The elasticity of the piping is influenced by its shape, the developed length of the piping system, the dimensions of the pipe, and by Young's modulus of elasticity, depending also on the temperature of the piping material. From the mathematical expression of elasticity — by applying Castigliano's theorem — it is possible to derive the restoring force, respectively its two components which must pass through the centre of gravity of the system. By applying this as well as the Kármán principle, it is possible to calculate the stresses resulting from the thermal expansion of the piping system and the resultant stress. Instead of lengthy theoretical calculations, the graphical tables worked out by Schmedler and Jürgenson can be used with advantage for simple pipelines. The determination of the stresses resulting from heat expansion is a lengthy process, requiring patience and precision.

J.P.
W.M.

(62) 613.001.21
17. Stress calculation of piping lying in a plane and fixed at both ends — Két végpontján függő, egy síkban fekvő csővezeték szilárdszigetelésére — by J. Pruzsinszky. (Power Economy in Hungary. — Magyar Energiaüzlet — Vol. IV, No. 4, pp. 115—122, April 1951, 14 figs.)

PRUZINSKY J.

J. Pruzinsky
Project Manager
Research and Analysis
Division

PRUZSINSZKY, Istvan, dr.

Problems of tetanus prevention in ambulatory surgery. Orv. hetil.
97 no.14:366-371 1 Apr 56.

1. A Budapesti XX. ker. Szakorvosi Rendelointezet Sebeszeti
Osztalyarol.

(TETANUS, prev. & control
antitoxin & ambulatory surg., indic. & procedure (Hun))

PRUZSINSZKY, Istvan, dr.

Prevention of formation of abscess following intramuscular injections. Orv. hetil. 96 no.2:51-55 9 Jan 55.

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(INJECTIONS, complications,
abscess, prev.)

(ABSCESS, etiology and pathogenesis,
intramusc. inject., prev.)

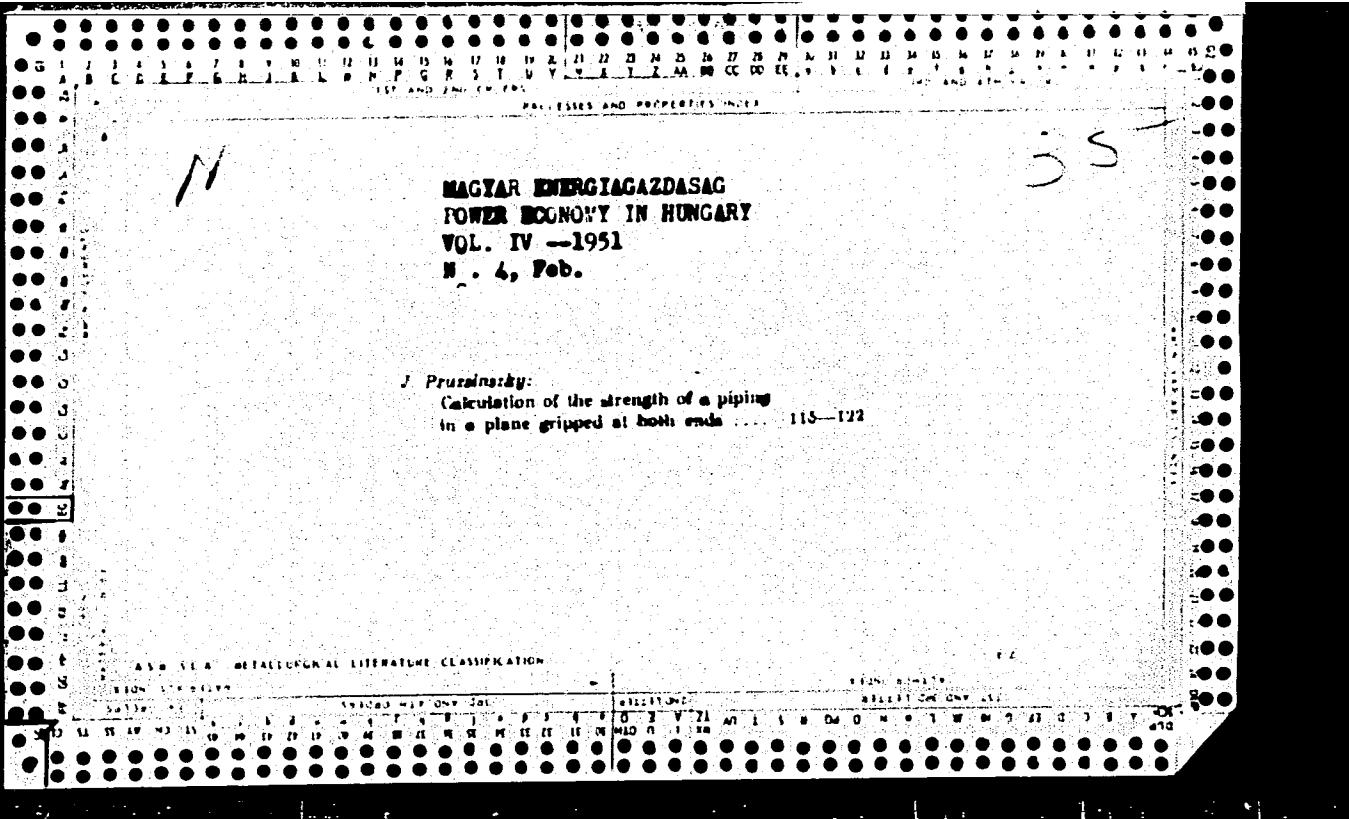
PRUZSINSZKY, Istvan, dr.

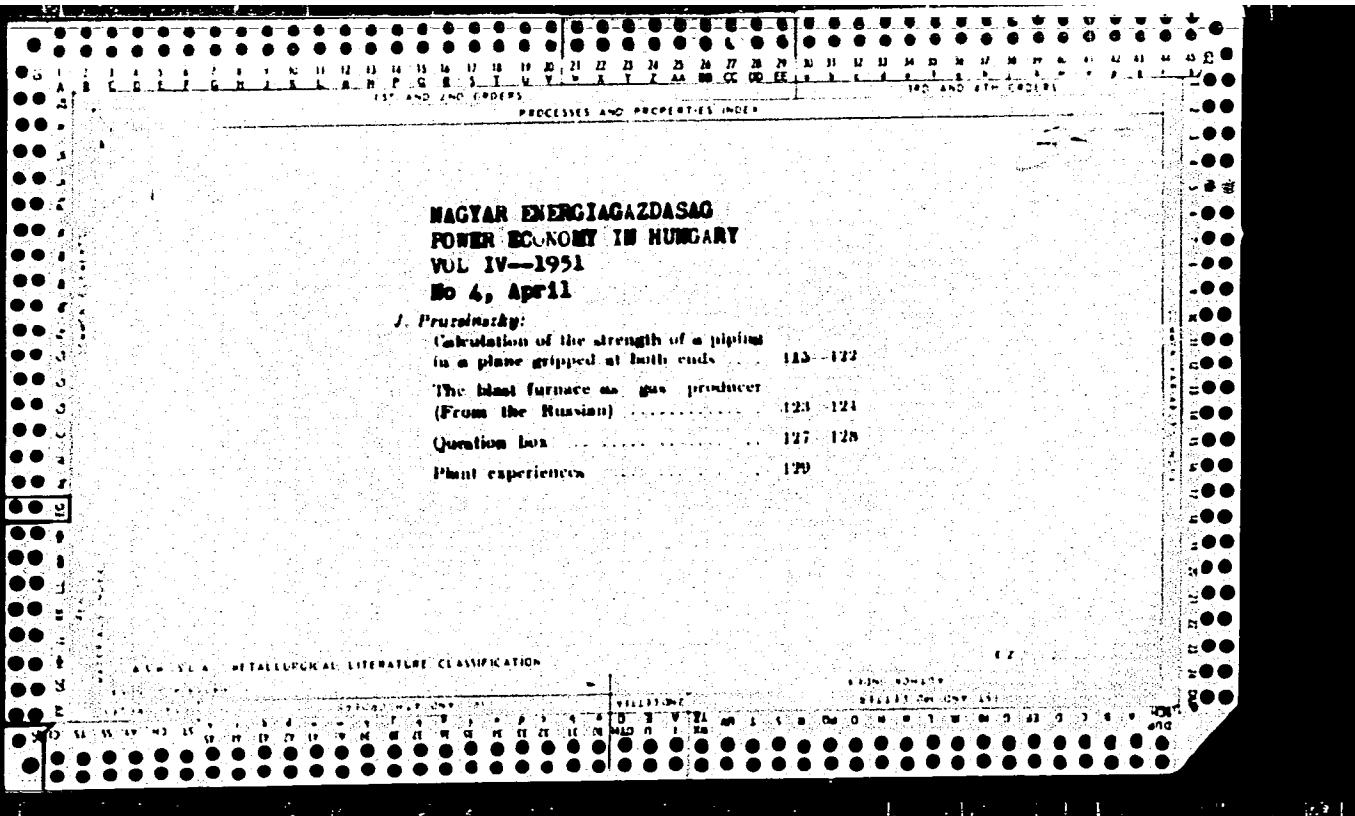
Sources of error in the treatment of furuncle, carbuncle and
hydadenitis: the prevention of secondary metastases. Orv. hetil.
95 no.23:636-640 6 June 54.

1. A Budapesti XX. dr. Szakorvosi Rendelointezet Segezet Osztanyanak
kozlemenye

(SWEAT GLANDS, diseases
hydadenitis, errors in ther. and prev. of secondary
metastases)

(FURUNCULOSIS, therapy
erratic, prev. of secondary metastases)





H.T.A.

Stress calculations of piping lying in a plane and fixed at both ends. *Krit. rezipropon. heft. über die techn. physikal. vordringl. sti. und techn. d. E. P. Brz. Akad. Power Economy in Hungary - Magyar Ipariakadémia - Vol. IV No. 4 pp. 11-12 April 1954. 11 figs.)*

The stress calculations of piping, which is fixed at both ends, must be carried out in the direction parallel to the axis of the pipe, since it is difficult to take into account that frequently the end of the pipe also suffers displacement. In such

the case of sudden loadings or in loads

the elasticity of the piping is influenced by its shape, the developed length of the piping system, the diameter of the pipe and by Young's modulus of elasticity depending also on the temperature of the piping material.

From the mathematical expression of elasticity

by applying Castiglione's theorem, it is possible to derive the resulting force respectively its two components

which must pass through the centre of gravity of the system. By applying this as well as the Kornike principle, it

is possible to deduce the stresses resulting from the thermal expansion of the piping system and the resulting

stress. In the lengthy theoretical calculations, the graphical tables work out by us, *Endler* and *Turcsanyi*

are to be used with advantage, for simple graphs.

The determination of the stresses resulting from heat expansion

is a lengthy process, requiring patience and precision.

PRUZINSKI, Zbigniew

Investment problems at the "Centrozlom". Pt.1.
Problemy projekt 10 no.4:117-122 Ap '62.

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(Budownictwo Przemyslowe, Warszawa, Vol. 6, no. 4, Apr. 1957.)

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Effect of short-term fasting on blood sugar during ontogenesis
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1. Fyziologicky ustav fakulty vseobecneho lekarstvi University
Karlovych v Praze; prednosta: prof.dr.F.Karasek, DrSc.

PRAZNER, S.A.

Eduo

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CHECHIK, Ye.L., inzh.; LENSKAYA, S.A., kand.ekon. nauk;
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S.L., kand.tekhn.nauk, dotsent

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of the country. Trudy MEI no.33:5-40 '60. (MIRA 15:3)
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1956, p. 110m., viars., tables.

"Literatura": p. 103-(134)

PRUZNER, Saul Lvovich.; LAPITSKIY, V.I., red.; VORONIN, K.P., tekhn. red.

[Economics and organization of electric power production] Ekonomika i organizatsiya energeticheskogo proizvodstva. Moskva, Gos. energ. izd-vo, 1958. 333 p.

(MIRA 11:12)

(Electric power production)

БАРИН, Л.Л., инж. техн. науки; БИБИКИН, С.Л., доктор

инженерной техники науки, канд. техн. наук, ред.

[Cycles of the adaptation, manufacture and operation of machines in piece and small-lot production and methods of the analysis of their economic efficiency] Tsikly
osvoenija, izgotovlenija i eksploatasii mashin edinich-
nogo i nerkoseriinogo proizvodstva i metodika analiza
ikh ekonomichnosti. Moskva, Energ. in-t, 1964. 107 p.
(MIREA 18:1)

PRVANOV, I.

Audiometry in mentally and physically retarded children.
Med. pregl. 18 no. 5:193-197 '65.

1. Odeljenje za bolesti uha, nosa i grla Opste bolnice
"Djordje Joancovic", Zrenjanin (Nacelnik: dr. Ivan Prvanov).

Prvanović, Mileva. Sur quelques formules de la géométrie conforme du sous-espace. Acad. Serbe Sci. Publ. Inst. Math. 11 (1957), 53-66.

Let V_n be a subspace of a Riemann space V_m and K_p a linear vector space normal to V_n but not coincident with the first osculating vector space of V_n . The author defines a new differentiation operation which, when applied to the unitary tensors of K_p , yields tensors which are conformally invariant. Applying this operation in the usual manner, conformal analogues of the Frenet equations of V_n in V_m , relative to the vector field K_p , are obtained. Consideration of the integrability conditions of these Frenet equations leads to conformal analogues of the Gauss and Codazzi equations of V_n in V_m , relative to K_p . Special application is made to conformal curve theory.

A. Fialkow (Brooklyn, N.Y.)

MAI

YI

SIN

PRYVINOV, I. A. "On the differential geometry of curves in Riemannian spaces." p. 135.

A field of vectors along a curve of subspace of a Riemann space. p. 135.
ZAVOD RAZVITA, Beograd, No. 43, 1955.

GO: Monthly List of East European Accessions, (EMAL), LG, Vol. 4, no. 10, Oct. 1955,
incl.

PRVANOVIC, M.

Parageodesic spaces and parageodesic curves of the subspace of the Riemannian space.
p. 117.
(GLASNIK, No. 50, 1956 (Published 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

PRVANOVIC, M.

Internal covariant derivations in the spaces with metric connection. Glas SANU 12 no.2:217-218 '60 [publ.'62].

PRVANOVIC, M.

✓ Prvanović, Mileva. Some properties of a family of
conformal geodesics. Univ. Beogradu, Godišnjak Filozof.
Fak. Novom Sadu 1 (1956), 313-318. (Serbo-Croatian.
English summary)

3

111
88

Parageodesic Spaces and Parageodesic Curves of a Subspace of a Riemannian Space

Đrđanović, Mileva. Les espaces parageodésiques et les courbes parageodésiques appartenant au sous-espace d'un espace riemannien. Srpska Akad. Nauka, Zb. Rad. 50 Mat. Inst. 5 (1956), 117-178. (Serbo-Croatian. French summary)

Let \mathcal{V}_m be a subspace of a Riemannian space \mathcal{V} ; and let in \mathcal{V} , be given a set of $l-m$ congruences of curves such that through every point in \mathcal{V}_m passes one curve of each congruence. Let λ_{η}^{α} be contravariant components of a unit vector tangent to the curve of congruence λ_{η} , where index α fixes the congruence in the system of $l-m$ congruences passing through a given point in \mathcal{V}_m . The author defines as parageodesic subspace of \mathcal{V}_m in Riemannian space \mathcal{V} , with respect to the congruence λ_{η} , the subspace \mathcal{V}' , having the property that in every point of \mathcal{V}' , its vector of normal curvature, with respect to \mathcal{V} , and in any direction e^{α} in \mathcal{V}' , is collinear with the tangent vector λ_{η}^{α} of the congruence λ_{η} in the corresponding point. Differential equations of such spaces are derived and it is demonstrated that the totally geodesic subspaces are a particular case of parageodesic spaces.

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J-FW

In case $n=1$, the parageodesic space \mathcal{V}_n is a parageodesic curve in \mathcal{V}_m with respect to λ_n . Among other properties, it is demonstrated that: 1) A parageodesic curve in \mathcal{V}_m is a curve whose first curvature vector with respect to \mathcal{V}_1 , in every point, is collinear with the tangent vector λ_{n^*} in the corresponding point in \mathcal{V}_m ; 2) parageodesic curves are a generalisation of geodesics in \mathcal{V}_m ; 3) the unit tangent vectors of a parageodesic curve constitute the field of autoparallel vectors along the curve with respect to a specially defined linear connection. For curves which are not parageodesics, in every point there is defined a parageodesic curvature vector with respect to the congruence λ_n . In connection with that, Euler's formula and Meusnier's theorem are generalized.

T. P. Andelic (Belgrade)

System of Cyclic Curves of a Subspace of a Riemannian Space

Prvanović, Mileva. *Système des courbes cycliques d'un sous-espace plongé dans un espace riemannien.* Glasnik Mat.-Fiz. Astr. Društvo Mat. Fiz. Hrvatske Ser. II. 12 (1957), 233-243. (Serbo-Croatian summary)

Blaschke [Atti Accad. Naz Lincei Rend. Cl. Sci. Fis. Mat. Nat. (6) 2 (1925), 399-400] has defined a cyclic family of curves on a surface in euclidean 3-space as one for which the osculating circles of the curves of the family passing through each point P intersect again a circle which passes through P orthogonal to the surface. The author generalizes this definition to apply to curves on any subspace of an m -dimensional Riemann space and derives their differential equations. These same equations have been studied by the reviewer previously in another connection [Trans. Amer. Math. Soc. 45 (1939), 443-473; p. 446]. It is shown that families of conformal geodesics and families of union curves are types of cyclic curves. Some conformal properties of cyclic curves are given.

A. Fialkow (Brooklyn, N.Y.)

2
1-F\W

FIRVULOV, B.

Proper Utilization of Materials as a Factor for Reducing the Prime Costs of Production.

TEKHNIKA PROMSTYLFENOST (Heavy Industry) Issue #11;7; November 1955

USSR/Cultivated Plants - Grains.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82263

Author : Pryadchenko, A; Melakrinos, A., Enesku, S., Boldya, Ye.

Inst : -
Title : Arnautka Winter Wheat

Orig Pub : Selektsiya i semenovodstvo, 1957, No 6, 73-74

Abstract : Winter Arnautka was discovered in the peasant's plantings in the south of Krayovskaya oblast' and in the Bacou Province of the Rumanian People's Republic. A botanical description is cited. In 1953-1955 Arnautka winter wheat was tested at 10 experimental station of the Rumanian People's Republic. Winter Arnautka sown in spring does not produce spikes. The duration of vernalization is 14-15 days shorter than in ordinary winter wheat; it is similar to winter barley with regard to winter resistance; it is affected less by loose smut and bunt and is more resistant to rust. In the north of Moldavia, the south

Card 1/2

- 10 -

sov/123-59-15-63366

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 15, p 569 (USSR)

AUTHOR: Pryadchenko, B.

TITLE: Semi-Automatic Press of the MPS Type for Hot-Vulcanization of Rubber Parts

PERIODICAL: Byul. tekhn.-ekon. inform. Sovnarkhoz Orlovsk. ekon. adm. r-na, 1957,
Nr 1, pp 29 - 30

ABSTRACT: The only manual operations when working with the semi-automatic revolving type press with 18 pressing places are the putting in of the raw material and taking off the finished product. All other operations are automated with the aid of a hydraulic drive. The press develops a pressure of up to 20 kg/cm², considerably raises the productive capacity and reduces the steam consumption. The press was shown at the All-Union Industrial Exhibition. A press of the MPS-2 type is being developed, for twice this pressure, with the programmed control. 1 figure.

B.Ya.M.

Card 1/1

Pryadchenko, A.

various cultivable Plants - Grains.

Publ. year : Ref Zhur. - Biol., No 3, 1956, 207p.

Author : Pryadchenko, A., Yazadchi, A., Velikan, V., Progach, I.,
Bretan, I., Golegan, I., Dalm, V., Melashvili, N.,
Boldya, Ye., Chobotaru, V., Mikly, F.

Inst. : Leningrad Academy.

Title : The Best Sorts of Spring Wheat for the Russian People's Republic.

Orig Pub : Biol., zh. Akad. RRR, 1956, 1, No 1, 147-206

Abstract : The results are given of the comparative testing of spring wheat varieties conducted in 1949-1952 on six experimental bases, situated in different productive zones of the Russian People's Republic.

Card 1/1

"APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343420008-6

PRYADCHENKU, A.

Achievements in the breeding of agricultural plants. Zhur. ob. biol.
16 no.5:413-422 S-0 '55. (MLRA 9:3)

(PLANT BREEDING)

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001343420008-6"

PRYADEKHIN, A., starshiy leytenant

Icehouse made without a wooden framework. Tyl i snab. Sov. Voor. Sil 21
no. 2:91 F '61. (MIRA 14:6)
(Icehouses)

L 17995-66 EWT(1)/EWP(f)/T-2 WW
ACC NR: AP6006342

SOURCE CODE: UR/0413/66/000/002/0065/0065

INVENTOR: Pryadilov, A. I.

29
B

ORG: none

TITLE: Anti-surge regulator. Class 27, No. 178012

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 65

TOPIC TAGS: centrifugal compressor, compressor surge

3, 4, 5

ABSTRACT: The proposed regulator for single-stage centrifugal compressors contains a sensing unit, in which pre-surge conditions trigger a signal, and a unit to amplify and convert this signal to a force, which activates the anti-surge device (see Fig. 1).

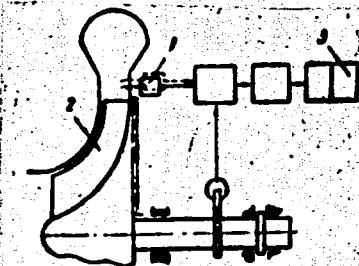


Fig. 1. Regulator

- 1 - Pressure transducers;
- 2 - compressor impeller;
- 3 - anti-surge device.

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UDC: 621.525.1-533.4

2

L 17995-66

ALL NR: AP6006342

To improve the reliability of the regulator, its sensing unit is made in the form of two pressure transducers mounted aft of the compressor impeller at any distance other than the impeller blade pitch, thus picking up the variation in the pressure spectrum behind the impeller to generate an electrical signal. Orig. art. has: 1 figure.

[TN]

SUB CODE: 21/ SUBM DATE: 19Mar62/ ATD PRESS: 4213

Cord

39
2/2

PRYADILOV, A.I., kand.tekhn.nauk

"Sliding" break in a flow. Izv. vys. ucheb. zav.; energ. 6 no.5:
67-75 My '63. (MIRA 16:7)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinian.
Predstavlena kafedroy turbinostroyeniya Leningradskogo politekhnicheskogo instituta.

(Compressors)

PRYADILOV, A.I., kand.tekhn.nauk; CHICHKOV, I.M., inzh.

Remote control of a gas dynamic test stand. Energomashinostroenie
8 no.10:40 0 '62.

(MIRA 15:11)

(Remote control)
(Gas dynamics)

PRYADCHENKU, Al. [Priadcencu, Al.]; MOISESKU, L. [Moisescu, L.]

Application of the allopolloid form in selection of wheat.
Rev biol & no. 4: 393-408 '63.

1. Nauchno-issledovatel'skiy institut zernovykh i tekhnicheskikh kul'tur, Fundulya-Bukharest. Laboratoriya po otdalennoy gibridizatsii rasteniy.

*

PERIODICAL ABSTRACTS

Sub.: USSR/Engineering

AID 4158

PRYADILOV, A. I.

EKSPEKMENTAL'NOYE ISSLEDOVANIYE POMPAZHA V STUPENI OSEVOGO KOMPRESSORA SO 100%-NOY REAKTSIYEE (Research on air pulsations in the axial compressor stage with a 100% reaction). Teploenergetika, no. 1, Ja 1956: 49-52.

Research on some details of pressure valve operation in an axial compressor is reported. A special experimental device was built and its performance is explained in detail, i.e. the pressure on the blade, the interruptions in the flow and its course, etc. The entire operation is divided into 3 different stages. Seven diagrams.

PRYADILOV, A.I., kandidat tekhnicheskikh nauk.

Piezoelectric pressure indicator for investigating the frequency and
nature of air flow pulsations in turbomachines. Energomashimostroenie
no.12:22-24 D '56. (MIRA 10:1)
(Pressure (Physics)--Measurement) (Piezoelectric substances)
(Turbomachies--Aerodynamics)

ALEKSANDROV, A.M., inzh.; BAZHENOV, V.S., inzh.; BOBROVNIKOV, B.N., inzh.; VAGANOV, M.P., inzh.; GUREVICH, B.M., inzh.; DZHIBELLI, V.S., inzh.; DROBAKH, V.T., inzh.; ISAKOVICH, R.Ya., kand. tekhn. nauk; KAPUSTIN, A.G., inzh.; KONENKOV, K.S., inzh.; MININ, A.A., kand.tekhn.nauk; PEVZNER, V.B., inzh.; PESKIN, G.L., inzh.; PORTER, L.G., inzh. ~~PRYADILOV,~~ A.N., inzh.; SLUTSKIY, L.B., inzh.; FEDOSOV, I.V., inzh.; FRENKEL', B.A., inzh.; TSIMBLER, Yu.A., inzh.; SHUL'GIN, V.Kh., inzh.; ESKIN, M.G., kand. tekhn. nauk; VOROB'YEV, D.T., inzh. [deceased]; SINEL'NIKOV, A.V., kand. tekhn. nauk; SHENDLER, Yu.I., kand. tekhn. nauk, red.; NESMELOV, S.V., inzh., zam. glav. red.; NOVIKOVA, M.M., ved. red.; RASTCOVA, G.V., ved. red.; SOLGANIK, G.Ya., ved. red.; VORONOVA, V.V., tekhn. red.

[Automation and apparatus for controlling and regulating production processes in the petroleum and petroleum chemical industries] Avtomatizatsiya, pribory kontrolya i regulirovaniya proizvodstvennykh protsessov v neftianoi i neftekhimicheskoi promyshlennosti. Moskva, Gostoptekhizdat. Book 3. [Control and automation of the processes of well drilling, recovery, transportation, and storage of oil and gas] Kontrol' i avtomatizatsiya protsessov burenija skvazhin, dobychi, transporta i khranenija nefti i gaza. 1963. 551 p. (MIRA 16:7)

(Automation)
(Petroleum production - Equipment and supplies)

L 16799-63
Pr-4 BW/WW/DJ

EPA/EPR/EPF(c)/EWT(m)/BDS AFFTC/ASD/APGC Paa-4/Ps-4/

ACCESSION NR: AP3006475

S/0145/63/000/004/0058/0079

16
75

AUTHOR: Berger, Ye. G. (Candidate of technical sciences, Assistant); Kel'zon, A. S. (Candidate of technical sciences, Docent); Pryadilov, V. I. (Docent); Smirnova, O. Ye. (Engineer); Troitskaya, Z. V. (Engineer); Shpeyzman, R. L. (Engineer)

TITLE: Investigating vibrations of a system of coaxial rotors

SOURCE: IVUZ. Mashinostroyeniye, no. 4, 1963, 58-79

TOPIC TAGS: aircraft turbine, gas turbine, self centering, self aligning, turbine compressor, free turbine, rotor, coaxial rotor, high speed turbine, vibration, elastic bearing, rigid bearing, damped bearing, critical revolution, vibration amplitude, vibration free

ABSTRACT: The object of the investigation was the self-aligning dynamic conditions in aviation gas turbine engines, consisting of a compressor, a compressor turbine, and a free turbine. The system investigated consisted of an aircraft gas turbine engine with an

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L 16799-63

ACCESSION NR: AP3006475

8-stage axial compressor flexibly coupled with the turbine and a free turbine. The free turbine was mounted coaxially with the compressor turbine (Fig. 2) but rotated independently. The engine operated in the range of 25,000 to 45,000 rpm. The compressor and turbine used the full range of operational velocities; the free turbine did not exceed 25,000 rpm. The experimental study was made with an 8-stage compressor having a rigid horizontal shaft on two bearings -- either or both elastic or rigid. The various relationships derived are presented graphically in Figs. 3-5. It is shown that self-aligning conditions may be achieved by adequate design of the rigid and elastic bearings. Self-aligning may occur in coaxial rotors of any type after passing the critical speed. Apart from the system shown in Fig. 6 of the Enclosure, other self-aligning systems exist. It is characteristic of these systems that both bearings situated between the coaxial rotors are rigid and the mounting of the system to the stationary turbine body secures 4 degrees of freedom without counting the rotor revolution. In this category of coaxial rotors, the amplitudes of vibrations increase

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L 16799-63

ACCESSION NR: AP3006475

slightly during passage through the critical speed and because of self-alignmnet sharply diminish thereafter, which ensures a wide range of vibration-free operational velocities. Orig. art. has: 43 formulas and 8 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 30Sep63

ENCL: 03

SUB CODE: PR

NO REF SOV: 007

OTHER: 001

Card 3
3/6

LYSYKH, T.S., kand.tekhn.nauk; PASHIN, M.A., red.; LIPGART, A.A., red.; AL'-
PEROVICH, A.G., red.; BORISOV, S.G., red.; BRISKIN, M.I., red.;
DYBOV, O.V., red.; ZIL'BERBERG, Ya.G., red.; LOZAR', A.S., red.;
LUREV, I.S., red.; NAGAYEV, P.V., red.; PEVZNER, N.M., red.;
PRYADILOV, V.I., red.; RAMAYA, K.S., red.; SAMOL', G.I., red.;
SEDOVA, Ye.V., red.; TAMURCHI, O.V., red.; KHANIN, N.S., red.;
CHAPCHAYEV, A.A., red.; CHISTOZVONOV, S.B., red.; SHKOL'NIKOV, E.M.,
red.; IMZHNEVA, G.V., red.izd-va; SMIRNOVA, G.V., tekhn.red.

[Design and investigation of performance of power disk brakes]
Issledovanie raboty diskovykh tormozov s usilniem i metod ikh
rascheta. Moskva, Gos.nauchno-issledovatel'skii avtomobil'noi i
avtomotornyi institut. Trudy, no.86) (MIRA 12:8)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Automobiles--Brakes)

GOSTEV, Boris Ivanovich; ZIL'BERG, Yuriy Yakovlevich; KOZLOVSKIY, I.S..
kand.tekhn.nauk, retsenzent; PRYADILOV, V.I., kand.tekhn.nauk,
red.; NAKHIMSON, V.A., red.izd-va; MODEL', B.I., tekhn.red.

[ASM aluminum alloy for heavy-duty bearings] Aliuminievyi splav
ASM dlja tiazhelonagruzhennykh podshipnikov. Moskva, Gos.nauchno-
tekhn.izd-vo mashinostroit.lit-ry, 1959. 181 p. (MIRA 12:4)
(Bearing metals) (Aluminum alloys)

RUDNITSKIY, N.M., kand. tekhn. nauk; VEDENYAPIN, G.A., otv.red.; KOZLOVSKIY, I.S.,
kand.tekhn.nauk, red.; ZIL'BERBERG, Ya.G., inzh. zamestitel' ~~otv.~~red.
BRILING, N.R., doktor tekhn.nauk, prof., red.; KALISH, G.G., doktor
tekhn.nauk, prof., red.; PEVZNER, YA.M., doktor tekhn.nauk, prof..
red.; KHRUSHCHEV, M.M.; doktor tekhn.nauk, prof., red. RAMAYVA, K.S.,
doktor tekhn.nauk, red.; LIPGART, A.A., prof., red.; PRYADILOV, V.I.,
kand. tekhn. nauk, red.; ROZANOV, V.G., kand. tekhn nauk, red.;
CHISTOZYONOV, S.B., inzh., red.; AVAKIMOV, G.G., red. izd-va;
SHIKIN, S.T., tekhn. red.

[Investigating the durability of crankshafts in IAAZ diesel engines]
Issledovanie vynoslivosti kolenchatykh valov dizelei IaAZ Moskva,
Gos. nauchn.-tekhn. izd-vo mashinostroitel'noi lit-ry. 1957. 30 p.
(Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i
avtomotornyi institut [Trudy], no.8a]. (MIRA 11:4)

1. Direktor Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo
instituta (for Vedenyapin). 2. Zamestitel' direktora po nauchnoy
chasti Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo Znameni
nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo instituta
(for Kozlovskiy). 3. Chlen-korrespondent AN SSSR (for Briling).
(Cranks and crankshafts) (Diesel engine)

KEL'ZON, A.S.; PRYADILOV, V.I.

Stability, passage over the critical rotation numbers, and
natural vibrations of high-speed spindles. Izv.vys.ucheb.zav.;
tekh.tekst.prom. no.2:153-163 '63. (MIRA 16:6)

1. Leningradskoye vyssheye inzhenernoye morskoye uchilishche
imeni admirala S.O.Makarova.
(Spindles (Machine tools))

1.11577-66 EWT(m)/EWP(w)/EWP(v)/T-2/EWP(k)/ETC(h)-6 IJP(c) WH/EM

ACC NR: AP6002318

SOURCE CODE: UR/0373/65/000/006/0042/0048
37
36

AUTHORS: Kel'zon, A. S. (Leningrad); Pryadilov, V. I. (Leningrad)

ORG: none

TITLE: Elimination of dangerous vibrations in high speed vertical rotors 24,

SOURCE: AN SSSR. Izvestiya. Mekhanika, no. 6, 1965, 42-48

TOPIC TAGS: vibration analysis, vibration damping, centrifuge, vibration test, resonance phenomenon

ABSTRACT: Vibrations generated during the high speed rotation of a gyroscopic centrifuge were studied analytically and experimentally. The centrifuge rotor is rigidly supported from the bottom and has an elastic support at the top. The shaft and the disk on top of it are assumed to rotate as one unit under small forcing functions with friction acting as a damping agent. The solution of the resulting differential equations leads to the following resonance condition

$$\omega_1 = \sqrt{y_1^2 + z_1^2} = \frac{2mebl(c_1l^2 - Ql_s)}{n\sqrt{4(B-A)(c_1l^2 - Ql_s) - n^2}}$$

Experimental investigations were performed on a special rotor where speeds could be altered continuously up to 16 000 rev/min. Two types of shaft support conditions were tested. One, with both top and bottom supports rigid (115 kg/cm), and the

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ACC NR: AP6002318

other with the top support somewhat elastic (65 kg/cm). The results were given as vibrograms and amplitude-frequency characteristics curves. These curves show the onset of the first resonance at 1800 rpm, 10% higher than the calculated value, and the second resonance at 5250 rpm. For the case of all-rigid supports, the centrifuge failed above 5000 rpm, indicating the need for an elastic support at the shaft top. A support that is 7 to 10 times more elastic than the shaft itself is considered to be satisfactory. It was also found that the above vertical rotor can be operated up to speeds of 15 600 rpm with minimum amplitude oscillations. The authors express sincere thanks to V. A. Zyablikov for taking part in designing the centrifuge. Orig. art. has: 8 formulas and 8 figures.

SUB CODE: 13, 20/ SUBM DATE: 28Oct64/ ORIG REF: 012

Card 2/2

S/194/61/000/012/033/037
D201/D303

AUTHOR: Pryadilov, V. I.

TITLE: Results of analysis of an automatic control system by means of the electronic MH-7 (MN-7) analogue

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 51, abstract 12B327 (V sb. XVIII Nauchn. Konferentsiya prof.-prepodavat. sostava Leningr. inzh.-stroit. in-ta s uchastiyem predstavit. stroit. organizatsiy. predpriyatiy i nauchno-tekh., o-v, Dokl. sektsiy soprotivl. materialov, matem. i teor. mekhan., fiz., khimii i elektrtekh. L., 1960, 33-36) ✓

TEXT: Results of analyzing an automatic internal combustion engine speed control system are given, the speed being controlled by a double-pulse electro-hydraulic speed controller. The analysis was carried out on an electronic MN-7 analogue installation. The influence on transient response changing the time constants of the speedometer and of load indicator was determined. The system was ana-

Card 1/2

Results of analysis ...

S/194/61/000/012/033/097
D201/D303

lized in the presence of typical non-linearities in some of its elements. The solutions obtained made it possible to evaluate the following effects: Backlash, Coulomb friction, the dead zone in the valve and the motor power limitations on the performance of automatic control system described by a system of differential equations of the 6th order. The conclusions derived from analysis of obtained oscillograms are given. The results may be made to include the usual static and isodrome speed regulators. 2 references. [Abstractor's note: Complete translation.]

Card 2/2

SKOTNIKOV, Viktor Vasil'yevich; VEDENYAPIN, G.A., red.; LIPGART, A.A., otv. red.;
BORISOV, S.G., red.; BRISKIN, M.I., red.; DYBOV, O.V., red.; ZIL'BERG, Ya.
G., red.; KOZLOVSKIY, I.S., red.; LOZAR', A.S., red.; LUNEV, I.S., red.;
PEVZNER, Ya.M., red.; ERYADILOV, V.I., red.; RAMAYYA, K.S., red.;
SAMOL', G.I., red.; SEDOVA, Ye.V., red.; KHANIN, N.S., red.; CHAPAYEV,
A.A., red.; CHISTOZVONOV, S.B., red.; SHKOL'NIKOV, E.M., red.;
YEGORKINA, L.I., red. izd.-va; SMIRNOVA, G.V., tekhn. red.

[Intermediate transformation and temper brittleness of automobile body steels] Pronezhutochnoe prevrashchenie i otpusknaia khrupkost' v konstruktsionnykh avtomobil'nykh staliakh. Moskva.
Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry 1958. 74 p.
(Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut Trudy, no.85) (MIRA 12:2)
(Steel, Automobile--Metallography)

TRAKTOVENKO, I.A., kand. tekhn. nauk; VEDENYAPIN, G.A., otv. red.; KOZLOVSKIY, I.S., kand. tekhn. nauk. red.; ZIL'BERBERG, Ya.G. inzh. zamestitel' otv. red.; BRILING, N.R., doktor tekhn. nauk, prof., red.; KALISH, G.G., doktor tekhn. nauk, prof., red.; PEVZNER, Ya.M., doktor tekhn. nauk, prof., red.; KHRUSHCHEV, M.M., doktor tekhn. nauk, prof., red.; RAMAYYA, K.S., doktor tekhn. nauk, red.; LIPGART, A.A., prof., red.; PRYADILOV, V.I., kand. tekhn. nauk, red.; ROZANOV, V.G., kand. tekhn. nauk, red.; CHISTOZVONOV, S.B., inzh., red.; SHIKIN, S.T., tekhn. red.

[Investigating the effect of the cetane number of diesel fuels on the performance of engines] Issledovanie vlianiia tsetenovogo chisla topliva na rabotu dvigatelia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1957. 30 p. (Moscow, Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut. [Trudy], no.83). (MIRA 10:12)

1. Direktor Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo instituta (for Vedenyapin).
2. Zamestitel' direktora po nauchnoy rabote Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo instituta (for Kozlovskiy).
3. Chlen-korrespondent AN SSSR (for Briling).
(Diesel fuel) (Diesel engine)

PETRUSHOV, V.A., inzh.; PASHIN, M.A., red.; LIPGART, A.A., otv.red.;
AL'PEROVICH, A.G., red.; BORISOV, S.G., red.; BRISKIN, M.I., red.;
DIBOV, O.V., red.; ZIL'BERBERG, Ya.G., red.; LOZAR', A.S., red.;
LIJNEV, I.S., red.; MAGAYEV, P.V., red.; PEVZNER, Ya.M., red.;
PRYADILOV, V.I., red.; RAMAYYA, K.S., red.; SAMOL', G.I., red.;
SEDOVA, Ye.V., red.; TANRUCHI, O.V., red.; KHANIN, N.S., red.;
CHAPCHAYEV, A.A., red.; CHISTOZVONOV, S.B., red.; SHKOL'NIKOV,
E.M., red.; YEGORKINA, L.I., red.izd-va; GORDEYEVA, L.P., t.ehn.
red.

[Operational analysis of the multiplate friction transformer]
Analiz raboty mnogodiskovykh friktsionnykh transformatorov.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroitel'noi lit-ry,
1960. 79 p. (Moscow. Gosudarstvennyi nauchno-issledovatel'skii
avtomobil'nyi i avtomotornyи institut [Trudy], no.90).
(MIRA 13:8)

(Motor vehicles--Transmission devices)

PRYADILOV, V.I., kand.tekhn.nauk

Studying circuits of single- and double-pulse electrohydraulic governors controlling the r.p.m. of diesel-driven generators.
Energomashinostroenie 4 no.7:19-23 J1 '58. (MIR 11:10)
(Governors (Machinery)) (Diesel electric power plants)

SOV/137-59-1-1246

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 169 (USSR)

AUTHOR: Pryadilov, V. I.

TITLE: Materials Suitable for the Fabrication of the Principal Parts of Modern Automobile Engines (Materialy, primenayemyye dlya izgotovleniya osnovnykh detalei sovremennykh avtomobil'nykh dvigateley)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i in-tov avtomob. prom-sti. Nr 3. Moscow, 1958, pp 58-70

ABSTRACT: A brief survey of materials that are suitable for the fabrication of modern automobile engine parts according to domestic and foreign engineering practice and with reference to studies performed by NAMI (State All-Union "Order of Labor Red Banner" Automobile and Automobile Engine Scientific Research Institute).

I. B.

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12(2)

SOV/113-59-6-18/21

AUTHOR: Pryadilov, V.I., Verner, K.A.

TITLE: Exhaust Valves of Modern Engines

PERIODICAL: Avtomobil'naya promyshlennost', 1959, Nr 6, pp 43-46 (USSR)

ABSTRACT: This article reviews modern exhaust valves, their design, the materials used in their construction, the stresses to which they are exposed and means to combat them. There are 5 diagrams, 4 graphs, 5 tables and 8 English-language references.

Card 1/1

SHKOL'NIKOV, E.M., kand.tekhn.nauk; LEVITAN, M.M., inzh.; OSIPYAN, A.V.,
kand.tekhn.nauk, red.; KOZLOVSKIY, I.S., kand.tekhn.nauk, zamestitel'
otvetstvennogo red.; BRILING, N.R., doktor tekhn.nauk, prof., red.;
KALISH, G.G., doktor tekhn.nauk, prof.; LIPGART, A.A., prof., red.;
PEVZNER, Ya.M., doktor tekhn.nauk, prof., red.; PRYADILOV, V.I., kand.
tekhn.nauk, red.; ROZANOV, V.G., kand.tekhn.nauk, red.; KRUSHCHEV, M.M.,
doktor tekhn.nauk, prof., red.; CHISTOZVONOV, S.B., inzh., red.;
ZILBERBERG, Ya.G., inzh., red.; YEGORKINA, L.I., red.izd-va;
UVAROVA, A.F., tekhn.red.

[Using chromium-silicon alloys in manufacturing automobile engine
sleeves] Khromokremnistyi splav dlja gil'z avtomobil'nykh dvigatelei.
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 78 p.
(Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i
avtomotornyi institut. Trudy no.81)

1. Direktor Gosudarstvennogo soyuznogo ordena Trudovogo Krasnogo
Znameni nauchno-issledovatel'skogo avtomobil'nogo i avtomotornogo
instituta (for Osipyan). 2. Zamestitel' direktora Gosudarstvennogo
soyuznogo ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skogo
avtomobil'nogo i avtomotornogo instituta (for Kozlovskiy). 3. Chlen-
korrespondent AN SSSR (for Briling).

(Chromium-silicon alloys) (Automobiles--Engines--Cylinders)

LEVENSTERN, O.L., kandidat tekhnicheskikh nauk; KRESTOVNIKOV, G.A., inzhener; OSIPYAN, A.V., kandidat tekhnicheskikh nauk, redakter; KOZLOVSKIY, I.S., kandidat tekhnicheskikh nauk, redakter; ZIL'BERBERG, Ya.G., inzhener, redakter; BRILING, N.R., professor, doktor tekhnicheskikh nauk, redakter; KALISH, G.G., doktor tekhnicheskikh nauk, professor, redakter; RAMAYYA, K.S., doktor tekhnicheskikh nauk, redakter; LIPGART, A.A., professor, redakter; PRYADILOV, V.I., kandidat tekhnicheskikh nauk, redakter; ROZANOV, V.G., kandidat tekhnicheskikh nauk, redakter; CHISTOZVONOV, S.B., inzhener, redakter; SHTEYNGART, M.D., redakter; UVAROVA, A.F., tekhnicheskiy redaktor.

[Heating of brake linings in passenger cars] Nagrev termoznykh makladek legkoveykh avtomobilei. Moskva, Ges.nauchno-tekh.izd-vo mashinestreit. lit-ry, 1955. 35 p. (Moscow. Gesudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut. Trudy, no.78). (MIRA 9:7)

1. Direktor Nauchno-issledovatel'skogo avtomotornego instituta (for Osipyan). 2. Zamestitel' direktora Nauchno-issledovatel'skogo avtomotornego instituta (for Kozlevskiy). 3. Chlen-korrespondent AN SSSR (for Briling).
(Automobiles--Brakes)

KEL'ZON, A.S. (Leningrad); PRYADILOV, V.I. (Leningrad)

Eliminating dangerous vibrations of high-speed vertical
rotors. Izv. AN SSSR. Mekh. no. 6:42-48 N-D '65.
(MIRA 18:12)

PRYADILOV, V. I.

The following is among dissertations of the Leningrad Polytechnic Institute imeni Kalinin:

"Processing, Calculation, and Investigation of an Electrohydraulic Two-Impulse Speed Regulator." 22 June 1953. A new system of an electrical two-impulse speed regulator is presented. The efficiency of the regulator is demonstrated by theoretical calculation and experimentally with a proper model.

SO: M-1048, 28 Mar 56

L 37692-66 EWT(m)/T WW/DJ

ACC NR: AP6021820

(N)

SOURCE CODE: UR/0413/66/000/012/0113/0113

INVENTOR: Kel'zon, A. S.; Pryadilov, V. I.

ORG: none

TITLE: Sliding bearing [1] Class 47, No. 182968 [announced by Leningrad Higher Engineering Marine School im. Admiral S. O. Makarov (Leningradskoye vyssheye in-zhenernoye morskoye uchilishche)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 12, 1966, 113

TOPIC TAGS: bearing, sliding bearing

ABSTRACT: This Author Certificate introduces a sliding bearing consisting of a housing and a bushing. The bushing wall contains a row of longitudinal grooves. For greater resistance to vibration, the outer surface of the bushing has juts with radial holes connected with grooves and holding pins, which are mounted on the bearing housing. Orig. art. has: 1 figure. [SA]

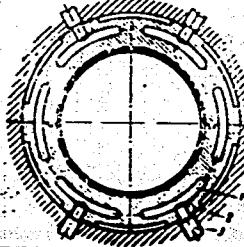


Fig. 1. Sliding bearing

1 - Grooves; 2 - juts; 3 - pins.

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